

Fig. 1

$$T^{N} = \begin{pmatrix} (t_{1,k})_{k=1,2,..,n} \\ (t_{2,k})_{k=1,2,..,n} \\ \vdots \\ (t_{n,k})_{k=1,2,..,n} \end{pmatrix} = \begin{pmatrix} [x^{N}] \mod f^{*} \\ [x^{N+1}] \mod f^{*} \\ \vdots \\ [x^{N+n-1}] \mod f^{*} \end{pmatrix}$$

Fig. 2

| Desired offset | Previous method | Method described above |
|----------------|-----------------|------------------------|
| 100            | 100             | 099                    |
| 1,000          | 1,000           | 1,000                  |
| 10,000         | 10,000          | 1,400                  |
| 50,000         | 50,000          | 1,600                  |
| 100,000        | 100,000         | 1,750                  |
| 200,000        | 200,000         | 1,860                  |

Fig. 3